

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
LISTING SERVICE



LISTING No. 3230-1404:106

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CATEGORY: Leakage Dampers (Smoke)

LISTEE: C&S Air Products, 2824 N. Sylvania Ave., Fort Worth, TX 76111
Contact: Michael Beaver *(817) 509-2300 *FAX (817) 831-3110

DESIGN: Model FSD-121, -122, -123, -131, -132; SD-121, -122, -123; and FSD-321, -322, -323, single and multi blade type construction leakage dampers with No. 16 or No. 20 galvanized or stainless steel frame and No. 16 galvanized or stainless steel blades. Refer to listee's data sheet for detailed product description and operational considerations. Sizes of dampers are as follow:

<u>Construction</u>	<u>Width, Inch</u>		<u>Height, Inch</u>	
	<u>Min.</u>	<u>Max.</u>	<u>Min.</u>	<u>Max.</u>
Single section	6	36	6	46
Multiple section 16	108	8	92	
FSD-131, -132 (Single only)	8	24	8	24

RATING: SD-121, FSD-121, -321, -131: Class I
SD-122, FSD-122, -322, -132: Class II
SD-123, FSD-123, -323: Class III

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, classification and UL label.

APPROVAL: Listed as Class I, II or III leakage-rated dampers. *Intended for use with approved damper operators. For vertical or horizontal installations.

XLF: 3230-0368:111

*Rev. 06-21-2006



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 5, 2008**

*Listing Expires **June 30, 2009***

Authorized By: **BEN HO, Chief**
Fire Engineering Division